

## DAFTAR PUSTAKA

- Abbas, N., & Bito, N. (2024). Students' Numeracy Literacy Ability through the Implementation of Problem-Based Learning and STEM Approach. *Technium Social Sciences Journal*, 59, 40–54.
- Aditomo, A., Rahmawati, Felicia, N., Shihab, N., & Handayani, F. (2019). *Kajian Akademik dan Rekomendasi Reformasi Sistem Asesmen Nasional*.
- Ajzen, I., & Fishbein, M. (1975). A Bayesian analysis of attribution processes. *Psychological Bulletin*, 82(2), 261.
- Akbari, O., & Sahibzada, J. (2020). Students' self-confidence and its impacts on their learning process. *American International Journal of Social Science Research*, 5(1), 1–15.
- Amalia, E., Surya, E., & Syahputra, E. (2017). The effectiveness of using problem based learning (PBL) in mathematics problem solving ability for junior high school students. *International Journal of Advance Research and Innovative Ideas in Education*, 3(2), 3402–3406.
- Amri, S. (2018). Pengaruh kepercayaan diri (self confidence) berbasis ekstrakurikuler pramuka terhadap prestasi belajar matematika siswa SMA Negeri 6 Kota Bengkulu. *Jurnal Pendidikan Matematika Raflesia*, 3(2), 156–170.
- Anggriani, S. (2022). Pengaruh self confidence terhadap hasil belajar matematika siswa. *Al-Irsyad Journal of Mathematics Education*, 1(2), 28–34.

- Arbo, J. B., & Ching, D. A. (2022). Problem-Based Learning Approach in Developing Mathematical Skills. *International Journal of Science, Technology, Engineering and Mathematics*, 2(1), 26–47.
- Aulia, R., Rohati, R., & Marlina, M. (2021). The Students' Self-Confidence and Their Mathematical Communication Skills in Solving Problems. *Edumatika: Jurnal Riset Pendidikan Matematika*, 4(2), 90–103.
- Awami, F., Yuhana, Y., & Nindiasari, H. (2022). Meningkatkan Kemampuan Literasi Numerasi Dengan Model Problem Based Learning (PBL) Ditinjau Dari Self Confidence Siswa SMK. *MENDIDIK: Jurnal Kajian Pendidikan Dan Pengajaran*, 8(2), 231–243.
- Bandura, A. (1997). *Self-efficacy: The exercise of control*. Macmillan.
- Barton, D., & Hamilton, M. (2012). *Local literacies: Reading and writing in one community*. routledge.
- Boonyaratana, Y., Hansson, E. E., Granbom, M., & Schmidt, S. M. (2021). The psychometric properties of the meaning of home and housing-related control beliefs scales among 67–70 year-olds in Sweden. *International Journal of Environmental Research and Public Health*, 18(8), 4273.
- Bruhin, A., Petros, F., & Santos-Pinto, L. (2024). The role of self-confidence in teamwork: Experimental evidence. *Experimental Economics*, 1–26.
- Caesar, M. I. M., Jawawi, R., Matzin, R., Shahrill, M., Jaidin, J. H., & Mundia, L. (2016). The Benefits of Adopting a Problem-Based Learning Approach on Students' Learning Developments in Secondary Geography Lessons.

- International Education Studies, 9(2), 51–65.*
- Caesaria, S. D., & Kasih, A. P. (2021, September 11). *7 Fakta tentang Asesmen Nasional Pengganti Ujian Nasional 2021.*
- <https://www.kompas.com/edu/read/2021/08/26/143523771/7-fakta-tentang-asesmen-nasional-pengganti-ujian-nasional-2021.%0A>
- Cotič, M., & Zuljan, M. V. (2009). Problem-based instruction in mathematics and its impact on the cognitive results of the students and on affective-motivational aspects. *Educational Studies, 35(3), 297–310.*
- Craig, J., & Guzmán, L. (2018). Six propositions of a social theory of numeracy: Interpreting an influential theory of literacy. *Numeracy, 11(2), 2.*
- Farhan, M., Satianingsih, R., & Yustitia, V. (2021). Problem based learning on literacy mathematics: Experimental study in elementary school. *Journal of Medives: Journal of Mathematics Education IKIP Veteran Semarang, 5(1), 118–128.*
- Fathurrohman, F. L., & Putra, H. D. (2024). PROBLEM-BASED LEARNING WITH SCAFFOLDING TO IMPROVE NUMERACY LITERACY OF JUNIOR HIGH SCHOOL STUDENTS. *MaPan: Jurnal Matematika Dan Pembelajaran, 12(1), 132–146.*
- Fitriani, W. (2017). Analisis self efficacy dan hasil belajar matematika siswa di MAN 2 Batusangkar berdasarkan gender. *Agenda: Jurnal Analisis Gender Dan Agama, 1(1).*
- Fitriyanti, F., Noer, S. H., & Gunowibowo, P. (2016). PENGARUH MODEL

PROBLEM BASED LEARNING TERHADAP KEMAMPUAN  
KOMUNIKASI MATEMATIS DAN SELF CONFIDENCE. *JURNAL  
PENDIDIKAN MATEMATIKA UNIVERSITAS LAMPUNG*, 4(1).

- Gangga, U. W. A. (2014). *Eksperimentasi model problem based learning (PBL) dan model group investigation (GI) dalam pembelajaran matematika materi bangun ruang sisi datar ditinjau dari sikap percaya diri siswa kelas VIII SMP se-Kabupaten Madiun tahun pelajaran 2013/2014*. UNS (Sebelas Maret University).
- Goos, M., & O'Sullivan, K. (2023). The evolution and uptake of numeracy and mathematical literacy as drivers for curriculum reform. In *Mathematics Curriculum Reforms Around the World: The 24th ICMI Study* (pp. 345–357). Springer International Publishing Cham.
- Grabinger, S., & Dunlap, J. C. (2002). Problem-based learning as an example of active learning and student engagement: Invited talk. *International Conference on Advances in Information Systems*, 375–384.
- Group, P. N. E. (2009). *PIAAC Numeracy: A Conceptual Framework*. 35.  
<https://doi.org/https://doi.org/https://doi.org/10.1787/220337421165>
- Han, W., Susanto, D., Dewayani, S., Pandora, P., Hanifah, N., Miftahussururi, M., Nento, M. N., & Akbari, Q. S. (2017). *Materi pendukung literasi numerasi*. Direktorat Jenderal Pendidikan Dasar dan Menengah.
- Hendriana, H., Rohaeti, E. E., & Sumarmo, U. (2017). Hard skills dan soft skills matematik siswa. *Bandung: Refika Aditama*, 7, 2017.

- Hermiyati, N., Yurniwati, Y., & Yarmi, G. (2024). The Impact of Problem-Posing Learning Method on Critical Thinking Skills in terms of Self-Confidence. *Jurnal Elementaria Edukasia*, 7(2), 2570–2582.
- Hmelo-Silver, C. E., & Eberbach, C. (2011). Learning theories and problem-based learning. In *Problem-based learning in clinical education: The next generation* (pp. 3–17). Springer.
- Hutajulu, M., & Minarti, E. D. (2024). Increasing Mathematical Literacy and Numeracy Abilities with Problem-Based Learning Model Through Technological Pedagogical Content Knowledge. *Hexagon: Jurnal Ilmu Dan Pendidikan Matematika*, 2(1), 55–63.
- Iswara, H. S., Ahmadi, F., & Ary, D. Da. (2022). NUMERACY LITERACY SKILLS OF ELEMENTARY SCHOOL STUDENTS THROUGH ETHNOMATHEMATICS-BASED PROBLEM SOLVING. *Interdisciplinary Social Studies*.
- Jonas, N. (2018). *Numeracy practices and numeracy skills among adults*.
- Juniati, A. S. (2018). Hubungan Tingkat Stres Dengan Strategi Koping Yang Digunakan Pada Santri Remaja Di Pondok Pesantren Nurul Alimah Kudus. *Prosiding HEFA 2nd 2018*, 2(1).
- KEMENDIKBUD. (2022). *Memacu Guru Tingkatkan Kemampuan Numerasi Peserta Didik*.
- KEMENDIKBUD. (2023). *Rapor Pendidikan Indonesia Tahun 2023*.
- Koh, K., & Chapman, O. (2019). Problem-Based Learning, Assessment Literacy,

- Mathematics Knowledge, and Competencies in Teacher Education. *Papers on Postsecondary Learning and Teaching*, 3, 74–80.
- Kus, M. (2018). Numeracy. *Brock Education Journal*, 27(2).
- Lauster, P. (2002). Tes kepribadian (alih bahasa: DH Gulo). *Edisi Bahasa Indonesia. Cetakan Ketigabelas*. Jakarta: Bumi Aksara.
- Loka, Son, A. (2019). Instrumenasi Kemampuan Pemecahan Masalah Matematis: Analisis Reliabilitas, Validitas, Tingkat Kesukaran Dan Daya Beda Butir Soal. *Gema Wiralodra*, 10(1), 41–52.  
<Https://Jurnal.Fkip.Uns.Ac.Id/Index.Php/Inkuiri/Article/View/7759>
- Long, J., Dragich, E., & Saterbak, A. (2022). Problem-based learning impacts students' reported learning and confidence in an undergraduate biomedical engineering course. *Biomedical Engineering Education*, 2(2), 209–232.
- Lusiana, V. (2023). Penerapan Project Based Learning Berbantuan Aplikasi Geogebra Untuk Meningkatkan Berfikir Kreatif Matematis Mahasiswa. *TEACHING: Jurnal Inovasi Keguruan Dan Ilmu Pendidikan*, 3(1), 1–13.
- Mafakheri, S. (2017). *Investigating the impact of main factors on problem-solving confidence using cooperative learning: A case study*.
- Magliocca, L. A., & Robinson, N. M. (1991). The “I Can” Strategy for Promoting Self-Confidence. *Teaching Exceptional Children*, 23(2), 30–33.
- Marra, R. M., Jonassen, D. H., Palmer, B., & Luft, S. (2024). *Why problem-based learning works: Theoretical foundation*.
- Martin, D. A., Grimbeek, P., & Jamieson-Proctor, R. (2013). Measuring problem-

- based learning's impact on pre-service teachers' mathematics pedagogical content knowledge. *Proceedings of the 2nd International Higher Education Teaching And Learning Conference (IEAA 2013)*.
- McCaughan, K. (2013). Barrows' integration of cognitive and clinical psychology in PBL tutor guidelines. *Interdisciplinary Journal of Problem-Based Learning*, 7(1), 11–23.
- Meece, J. L., Wigfield, A., & Eccles, J. S. (1990). Predictors of math anxiety and its influence on young adolescents' course enrollment intentions and performance in mathematics. *Journal of Educational Psychology*, 82(1), 60.
- Nadeak, B., & Naibaho, L. (2020). THE EFFECTIVENESS OF PROBLEM-BASED LEARNING ON STUDENTS'CRITICAL THINKING. *Jurnal Dinamika Pendidikan*, 13(1), 1–7.
- Naja, F. Y., Mei, A., & Sao, S. (2022). Problem Based Learning Berbantu Alat Peraga Materi Geometri Pada Siswa Kelas Vii Smp Rewarangga Ende. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 11(4), 3469–3476.
- Nurbaya, S. N. S., Sukmawati, S., & Rukli, R. (2022). The Effect of Numerical Literacy Activities in Problem Based Learning Environment toward Mathematical Reasoning Ability of Elementary School Students. *Jurnal Pendidikan MIPA*, 23(3), 984–994.
- Nurdin, I. T. (2016). *PENERAPAN MODEL PEMBELAJARAN PROBLEM BASED LEARNING BERBANTUAN GEOGEBRA UNTUK*

***MENINGKATKAN KEMAMPUAN BERPIKIR KRITIS MATEMATIS DAN  
SELF CONFIDENCE SISWA SMP PADA MATERI BANGUN RUANG SISI  
DATAR. IKIP Siliwangi.***

- Oktariya, P., Herlina, K., & Abdurrahman, A. (2023). Development of Problem-Based e-LKPDs Assisted by CANVA to Stimulate Numeracy Skill and Visual Literacy. *Jurnal Penelitian Pendidikan IPA (JPPIPA)*, 12(9), 12303–12308.
- Pudjastuti, K. T., Agustika, G. N. S., & Wiyasa, I. K. N. (2024). Improving the Numeracy Skills Elementary School Students by Problem Based Learning Model. *MIMBAR PGSD Undiksha*, 12(1).
- PUSMENDIK. (2022). *Asesmen Nasional sebagai Penanda Perubahan Paradigma Evaluasi Pendidikan*.  
[https://pusmendik.kemdikbud.go.id/an/page/news\\_detail/asesmen-nasional-1](https://pusmendik.kemdikbud.go.id/an/page/news_detail/asesmen-nasional-1)
- Rachmawati, Y., Susilo, S., & Prasetyo, A. P. B. (2019). The Effectiveness of Problem Based Learning (PBL) with Open-Ended Approach on Problem Solving Ability. *Journal of Primary Education*, 8(7), 105–112.
- Rahman, A. A., Mushlihuddin, R., Refugio, C. N., & Zulnaidi, H. (2024). Problem-based learning innovation through realism and culture: Impact on mathematical problem solving and self-efficacy in primary school students. *Al-Jabar: Jurnal Pendidikan Matematika*, 15(1).
- Rakhmawati, Y., & Mustadi, A. (2022). The circumstances of literacy numeracy skill: Between notion and fact from elementary school students. *Jurnal*

- Prima Edukasia, 10(1), 9–18.*
- Ramdan, Z. M., Veralita, L., Rohaeti, E. E., & Purwasih, R. (2018). Analisis self confidence terhadap kemampuan pemecahan masalah matematis siswa SMK pada materi barisan dan deret. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika, 7(2)*, 171–179.
- Resmiati, T., & Hamdan, H. (2019). Analisis Kemampuan Pemecahan Masalah Matematis Dan Self-Efficacy Siswa Sekolah Menengah Pertama. *JPMI (Jurnal Pembelajaran Matematika Inovatif), 2(4)*, 177–186.
- Richard, R. (2022). *Fear of Mathematics Correlates Self-Esteem and Anxiety among Adolescent Students: A Descriptive, Relational and Cross Sectional Study.*
- Riswari, L. A., & Bintoro, H. S. (2020). The influence of problem-based learning model in improving student engagement in mathematics. *JPsd (Jurnal Pendidikan Sekolah Dasar), 6(2)*, 158–173.
- Sa'adah, F., Rukmigarsari, E., & Wulandari, T. C. (2021). Pengaruh self confidence dan self efficacy terhadap kemampuan pemecahan masalah matematis. *Jurnal Penelitian, Pendidikan, Dan Pembelajaran, 16(12)*.
- Satria, M. R. (2024). TRANSFORMASI STANDAR PENILAIAN PENDIDIKAN DAN REVITALISASI PENILAIAN PEMBELAJARAN DI INDONESIA. *Jurnal Penelitian Kebijakan Pendidikan, 17(1)*.
- Savery, J. R. (2015). Overview of problem-based learning: Definitions and distinctions. *Essential Readings in Problem-Based Learning: Exploring and*

- Extending the Legacy of Howard S. Barrows, 9(2), 5–15.*
- Seibert, S. A. (2021). Problem-based learning: A strategy to foster generation Z's critical thinking and perseverance. *Teaching and Learning in Nursing, 16(1)*, 85–88.
- Shomos, A., & Forbes, M. (2014). Literacy and numeracy skills and labour market outcomes in Australia. *Australian Government Productivity Commission*.
- Shrauger, J. S. (1972). Self-esteem and reactions to being observed by others. *Journal of Personality and Social Psychology, 23(2)*, 192.
- Shrauger, J. S., & Schohn, M. (1995). Self-confidence in college students: Conceptualization, measurement, and behavioral implications. *Assessment, 2(3)*, 255–278.
- Siregar, N. C., Rosli, R., & Maat, S. M. (2020). The effects of a discovery learning module on geometry for improving students' mathematical reasoning skills, communication and self-confidence. *International Journal of Learning, Teaching and Educational Research, 19(3)*, 214–228.
- Sitompul, I., Khaedir, L. M., & Hilmatur, R. I. (2023). Penerapan Pembelajaran Problem Based Learning Dalam Upaya Meningkatkan Literasi Matematika Siswa. *Jurnal PEKA (Pendidikan Matematika), 6(2)*, 122–129.
- Stajkovic, A. D., & Luthans, F. (1998). Self-efficacy and work-related performance: A meta-analysis. *Psychological Bulletin, 124(2)*, 240.
- Sugiyono, P. D. (2015). Metode Peneltian Pendidikan (Model Kuantitatif,

- Kualitatif, Dan R&D)(Ke-21). *Penerbit Alfabeta.*
- Sulistyawati, D., Hadi, W., Hidayat, A., & Muhammad, R. R. (2023). THE IMPACT OF PROBLEM-BASED LEARNING AUGMENTED WITH HOTS PROBLEMS ON STUDENTS' MATHEMATICAL PROBLEM-SOLVING ABILITIES. *Kalamatika: Jurnal Pendidikan Matematika*, 8(2), 219–236.
- Tout, D. (2020). *Critical connections between numeracy and mathematics*.
- Uliyandari, M., Candrawati, E., Herawati, A. A., & Latipah, N. (2021). Problem-based learning to improve concept understanding and critical thinking ability of science education undergraduate students. *IJORER: International Journal of Recent Educational Research*, 2(1), 65–72.
- Villamizar Acevedo, G., Araujo Arenas, T. Y., & Trujillo Calderón, W. J. (2020). Relationship between mathematical anxiety and academic performance in mathematics in high school students. *Ciencias Psicológicas*, 14(1).
- Wahyuni, R., Juniaty, D., & Wijayanti, P. (2024). How do Math Anxiety and Self-Confidence Affect Mathematical Problem Solving? *TEM Journal*, 13(1).
- White, K. A. (2009). Self-confidence: A concept analysis. *Nursing Forum*, 44(2), 103–114.
- Yaniawati, P., Kariadinata, R., Sari, N., Pramarsih, E., & Mariani, M. (2020). Integration of e-learning for mathematics on resource-based learning: Increasing mathematical creative thinking and self-confidence. *International Journal of Emerging Technologies in Learning (IJET)*, 15(6), 60–78.

- Yuliarisma, S. A., Masfingatin, T., & Andari, T. (2023). ANALISIS PENCAPAIAN SISWA DALAM ASESMEN KOMPETENSI MINIMUM: SUATU STUDI PENDAHULUAN. *Seminar Nasional Pendidikan Matematika (SNPM)*, 1, 563–569.
- Yunarti, T., & Amanda, A. (2022). Pentingnya kemampuan numerasi bagi siswa. *Seminar Nasional Pembelajaran Matematika, Sains Dan Teknologi*, 2(1), 44–48.
- Zaenuri, Z., & Dwidayanti, N. (2018). Menggali etnomatematika: Matematika sebagai produk budaya. *PRISMA, Prosiding Seminar Nasional Matematika*, 1, 471–476.